

Application No. 10/062,621  
Reply to Office Action of September 29, 2005  
Date of Response: January 27, 2006  
Page 2 of 28

#### SPECIFICATION

Please amend the specification in accordance with 37 C.F.R. § 1.121(b)(1) as follows:

On page 37, line 31, please delete the paragraph that begins "Refer now to FIG. 9 ..." and replace it with the following paragraph, with markings as required by 37 C.F.R.

§ 1.121(b)(1)(ii):

Refer now to FIG. 9 for a discussion of the steps of the preferred packet classifier, flow collector, and alert or alarm manager threads. As previously discussed in reference to FIG. 6, the preferred port profiling engine 155 comprises three operational threads or processes that execute within a system or appliance that implements an embodiment of the invention. The packet classifier thread 610 (FIG. 9A) classifies packets into their associated flow and updates the flow records. The flow collector thread (FIG. 9B) 620 determines a termination of a flow, performs a logic tree analysis to classify the flow, and determines the port usage, and updates the port display. Finally, the alert or alarm manager thread 630 (FIG. 9C) generates reports and alarm signals if an alarm threshold is exceeded.

As required by 37 C.F.R. § 1.121(b)(1)(iii), here is the full text of the paragraph without underlining:

Refer now to FIG. 9 for a discussion of the steps of the preferred packet classifier, flow collector, and alert

Application No. 10/062,621  
Reply to Office Action of September 29, 2005  
Date of Response: January 27, 2006  
Page 3 of 28

or alarm manager threads. As previously discussed in reference to FIG. 6, the preferred port profiling engine 155 comprises three operational threads or processes that execute within a system or appliance that implements an embodiment of the invention. The packet classifier thread 610 (FIG. 9A) classifies packets into their associated flow and updates the flow records. The flow collector thread (FIG. 9B) 620 determines a termination of a flow, performs a logic tree analysis to classify the flow, determines the port usage, and updates the port display. Finally, the alert or alarm manager thread 630 (FIG. 9C) generates reports and alarm signals if an alarm threshold is exceeded.

On page 38, line 10, please delete the paragraph that begins "In FIG. 9A ... " with the following paragraph (to correct "flow classifier thread 610" to --packet classifier thread 610--), with markings as required by 37 C.F.R. § 1.121(b)(1)(ii):

In FIG. 9A, the packet ~~flow~~ classifier thread 610 begins with step 912. In step 912, the thread 610 determines if a new packet is available. If a new packet is not available, the no branch of step 912 loops back ~~is followed~~ to step 912, in which the thread 610 awaits a new packet. If a new packet is available, the yes branch of step 912 is followed to step 914, in which the thread determines if the packet belongs to a new flow.

As required by 37 C.F.R. § 1.121(b)(1)(iii), here is the full text of the paragraph without underlining:

Application No. 10/062,621  
Reply to Office Action of September 29, 2005  
Date of Response: January 27, 2006  
Page 4 of 28

In FIG. 9A, the packet classifier thread 610 begins with step 912. In step 912, the thread 610 determines if a new packet is available. If a new packet is not available, the no branch of step 912 loops back to step 912, in which the thread 610 awaits a new packet. If a new packet is available, the yes branch of step 912 is followed to step 914, in which the thread determines if the packet belongs to a new flow.

The Examiner is further respectfully requested to correct the following minor typographical errors by Examiner's amendment:

On page 13, line 19, please change "severs" to --servers--.

On page 28, line 21, please change "date" to --data--.

On page 40, line 31, please change "determines services" to --determines--.